Steven H Sacks

List of Publications by Year
in descending order

48 papers	2,713 citations	185998 28 h-index	214527 47 g-index
51 all docs	51 docs citations	51 times ranked	3068 citing authors

#	Article	IF	Citations
1	Fucose as a new therapeutic target in renal transplantation. Pediatric Nephrology, 2021, 36, 1065-1073.	0.9	8
2	Complement activation is a crucial driver of acute kidney injury in rhabdomyolysis. Kidney International, 2021, 99, 581-597.	2.6	48
3	Ex vivo delivery of Mirococept: A dose-finding study in pig kidney after showing a low dose is insufficient to reduce delayed graft function in human kidney. American Journal of Transplantation, 2021, 21, 1012-1026.	2.6	21
4	PD-L1 signaling on human memory CD4+ T cells induces a regulatory phenotype. PLoS Biology, 2021, 19, e3001199.	2.6	32
5	Complement in ischaemiaâ€“reperfusion injury and transplantation. Seminars in Immunopathology, 2021, 43, 789-797.	2.8	18
6	<scp>I</scp> â€Fucose prevention of renal ischaemia/reperfusion injury in Mice. FASEB Journal, 2020, 34, 822-834.	0.2	21
7	Rationale for targeting complement in COVIDâ€19. EMBO Molecular Medicine, 2020, 12, e12642.	3.3	101
8	Successful simultaneous liverâ€kidney transplantation for renal failure associated with hereditary complement C3 deficiency. American Journal of Transplantation, 2020, 20, 2260-2263.	2.6	2
9	Does the Lectin Complement Pathway Link Kawasaki Disease and SARS-CoV-2?. Frontiers in Immunology, 2020, 11, 604512.	2.2	4
10	The C5a/C5aR1 axis promotes progression of renal tubulointerstitial fibrosis in a mouse model of renal ischemia/reperfusion injury. Kidney International, 2019, 96, 117-128.	2.6	41
11	Development of a multivariable gene-expression signature targeting T-cell-mediated rejection in peripheral blood of kidney transplant recipients validated in cross-sectional and longitudinal samples. EBioMedicine, 2019, 41, 571-583.	2.7	28
12	Long- and short-term outcomes in renal allografts with deceased donors: A large recipient and donor genome-wide association study. American Journal of Transplantation, 2018, 18, 1370-1379.	2.6	47
13	Complement C5a inhibition moderates lipid metabolism and reduces tubulointerstitial fibrosis in diabetic nephropathy. Nephrology Dialysis Transplantation, 2018, 33, 1323-1332.	0.4	62
14	Structural and functional diversity of collectins and ficolins and their relationship to disease. Seminars in Immunopathology, 2018, 40, 75-85.	2.8	44
15	Collectin-11 Promotes the Development of Renal Tubulointerstitial Fibrosis. Journal of the American Society of Nephrology: JASN, 2018, 29, 168-181.	3.0	41
16	Collectin-11 (CL-11) Is a Major Sentinel at Epithelial Surfaces and Key Pattern Recognition Molecule in Complement-Mediated Ischaemic Injury. Frontiers in Immunology, 2018, 9, 2023.	2.2	19
17	Lectin pathway effector enzyme mannanâ€binding lectinâ€associated serine proteaseâ€2 can activate native complement C3 in absence of C4 and/or C2. FASEB Journal, 2017, 31, 2210-2219.	0.2	43
18	A double-blind randomised controlled investigation into the efficacy of Mirococept (APT070) for preventing ischaemia reperfusion injury in the kidney allograft (EMPIRIKAL): study protocol for a randomised controlled trial. Trials, 2017, 18, 255.	0.7	67

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19	Deconstructing the Lectin Pathway in the Pathogenesis of Experimental Inflammatory Arthritis: Essential Role of the Lectin Ficolin B and Mannose-Binding Proteinâ€“Associated Serine Protease 2. Journal of Immunology, 2017, 199, 1835-1845.	0.4	24
20	Non-Invasive whole-body detection of complement activation using radionuclide imaging in a mouse model of myocardial ischaemia-reperfusion injury. Scientific Reports, 2017, 7, 16090.	1.6	10
21	Human stem cell-derived retinal epithelial cells activate complement via collectin 11 in response to stress. Scientific Reports, 2017, 7, 14625.	1.6	20
22	Complement Recognition Pathways in Renal Transplantation. Journal of the American Society of Nephrology: JASN, 2017, 28, 2571-2578.	3.0	49
23	[P3â€“051]: COULD COMPLEMENT INHIBITION BE A GOOD THERAPEUTIC TARGET IN ALZHEIMER's DISEASE?. Alzheimer's and Dementia, 2017, 13, P950.	0.4	0
24	C5aR1 promotes acute pyelonephritis induced by uropathogenic E. coli. JCI Insight, 2017, 2, .	2.3	28
25	The complement factor 5a receptor 1 has a pathogenic role in chronic inflammation and renal fibrosis in a murine model of chronic pyelonephritis. Kidney International, 2016, 90, 540-554.	2.6	57
26	Role of the lectin complement pathway in kidney transplantation. Immunobiology, 2016, 221, 1068-1072.	0.8	29
27	Collectin-11 detects stress-induced L-fucose pattern to trigger renal epithelial injury. Journal of Clinical Investigation, 2016, 126, 1911-1925.	3.9	118
28	Mannanâ€binding lectinâ€associated serine protease 2 is critical for the development of renal ischemia reperfusion injury and mediates tissue injury in the absence of complement C4. FASEB Journal, 2014, 28, 3996-4003.	0.2	75
29	Targeting Complement at the Time of Transplantation. Advances in Experimental Medicine and Biology, 2013, 735, 247-255.	0.8	30
30	The role of complement in the early immune response to transplantation. Nature Reviews Immunology, 2012, 12, 431-442.	10.6	181
31	The ethics of organ retrieval: goals, rights and responsibilities. Clinical Ethics, 2011, 6, 111-112.	0.5	0
32	Targeting of mannan-binding lectin-associated serine protease-2 confers protection from myocardial and gastrointestinal ischemia/reperfusion injury. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7523-7528.	3.3	174
33	Complement fragments C3a and C5a: The salt and pepper of the immune response. European Journal of Immunology, 2010, 40, 668-670.	1.6	66
34	The role of complement in regulating the alloresponse. Current Opinion in Organ Transplantation, 2009, 14, 10-15.	0.8	24
35	New Boundaries for Complement in Renal Disease. Journal of the American Society of Nephrology: JASN, 2008, 19, 1865-1869.	3.0	28
36	Local extravascular pool of C3 is a determinant of postischemic acute renal failure. FASEB Journal, 2006, 20, 217-226.	0.2	180

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37	CD46 (Membrane Cofactor Protein) Acts as a Human Epithelial Cell Receptor for Internalization of Opsonized UropathogenicEscherichia coli. Journal of Immunology, 2006, 177, 2543-2551.	0.4	54
38	Allograft rejection: effect of local synthesis of complement. Seminars in Immunopathology, 2005, 27, 332-344.	4.0	16
39	The effect of locally synthesised complement on acute renal allograft rejection. Journal of Molecular Medicine, 2003, 81, 404-410.	1.7	13
40	Locally Produced Complement and its Role in Renal Allograft Rejection. American Journal of Transplantation, 2003, 3, 927-932.	2.6	29
41	Role of the complement system in rejection. Current Opinion in Immunology, 2003, 15, 487-492.	2.4	73
42	Nontransgenic Hyperexpression of a Complement Regulator in Donor Kidney Modulates Transplant Ischemia/Reperfusion Damage, Acute Rejection, and Chronic Nephropathy. American Journal of Pathology, 2003, 163, 1457-1465.	1.9	87
43	Local synthesis of complement component C3 regulates acute renal transplant rejection. Nature Medicine, 2002, 8, 582-587.	15.2	474
44	Epithelial secretion of C3 promotes colonization of the upper urinary tract by Escherichia coli. Nature Medicine, 2001, 7, 801-806.	15.2	83
45	Rapamycin on trial. Nephrology Dialysis Transplantation, 1999, 14, 2087-2089.	0.4	16
46	Influence of complement on the allospecific antibody response to a primary vascularized organ graft. European Journal of Immunology, 1997, 27, 2848-2853.	1.6	22
47	Expression and tissue localization of donor-specific complement C3 synthesized in human renal allografts. European Journal of Immunology, 1995, 25, 1087-1093.	1.6	55
48	Interferon-Î³ regulation of C4 gene expression in cultured human glomerular epithelial cells. European Journal of Immunology, 1993, 23, 2477-2481.	1.6	50